^ Z/Wd/KEW

7KH $&-7 8 WULDF LV VXLWDEOH IRU JHQHUDO SXUSRVH $& VZLWFKLQJ ,W FDQ EH XVHG DV DQ 21 2)) IXQFWLRQ LQ DSSOLFDWLRQV VXFK DV KHDWLQJ UHJXODWLRQ LQGXFWLRQ PRWRU VWDUWHUV SKDVH FRQWURO RSHUDWLRQ LQ OLJKW GLPPHUV PRWRU FRQWUROOHUV 7KH $&-7 8 HPEHGV D 796 VWUXFWXUH WR DEVRUE WKH LQGXFWLYH WX HQHUJ\ VXFK DV WKRVH GHVFULEHG LQ WKH ,(& VWDQGDUGV 3DFNDJH 72 LV 5R+6 FRPSOLDQW

D /E & dhZ ^

6\PERO	9DOXH	8QLW
,7 506		
9'50 9$50		9
,*7		P$

$

^K>hd D y/DhD Z d/E'^

3DUDPHWHU	6\PERO	9DOXH		8QL
6WRUDJH MXQFWLRQ WHPSHUDWXUH UDQJH	VWJ	7		
2SHUDWLQJ MXQFWLRQ WHPSHUDWXUH UDQJH	UDQJH	7		
5HSHWLWLYH SHDN RII VWDWH YROWDJH	9	7	9	
5HSHWLWLYH SHDN UHYHUVH YROWDJH	9	7	9	
506 RQ VWDWH FXUUHQW	,7 506			$
1RQ UHSHWLWLYH VXUJH SHDN RQ VWDWH FXUUHQW IXOO F\FOH PD[	,760		$	
1RQ UHSHWLWLYH VXUJH SHDN RQ VWDWH FXUUHQW				
,W YDOXH IRU PXOWLQJ W	,W		$ V	
&ULWLFDO UDWH RI ULVH RI RII VWDWH FXUUHQW ; h ,*7 I +]	G, GW		$ V	
3HDN JDWH FXUUHQW W	,*		$	
$YHUDJH JDWH SRZHU GLVVLSDWLRQ	3*	7		:
3HDN JDWH SRZHU	3*			

3HDN SXOVH YROWDJH 7M QRQ UHSHWLWLYH RII VWDWH),*	9SS		

> dZ/ > , Z d Z/^d/X^QOHVV RWKHUZLVH VSHFLILHG

6\PERO	7HVW &RQGLWLRQ		4XDGUDQW		9DOXH
,*7	9' 9 5		0$;		P$
9*7			0$;		9
9*'	9' 9'50 7M 5/ N		0,1		9
,/	,* *7		0$;		P$
,+	,7 P$		0$;		P$
G9 GW' 99 *DWH 2SHQ 7			0,1		9 V
G, GW F G9 GW F 9 V			70,1		$ PV
WQ	,* P$ $, P$ 5, P$ 7M		7<3		V
WII					
9&/	&/ P,$S WPV		0,1		9

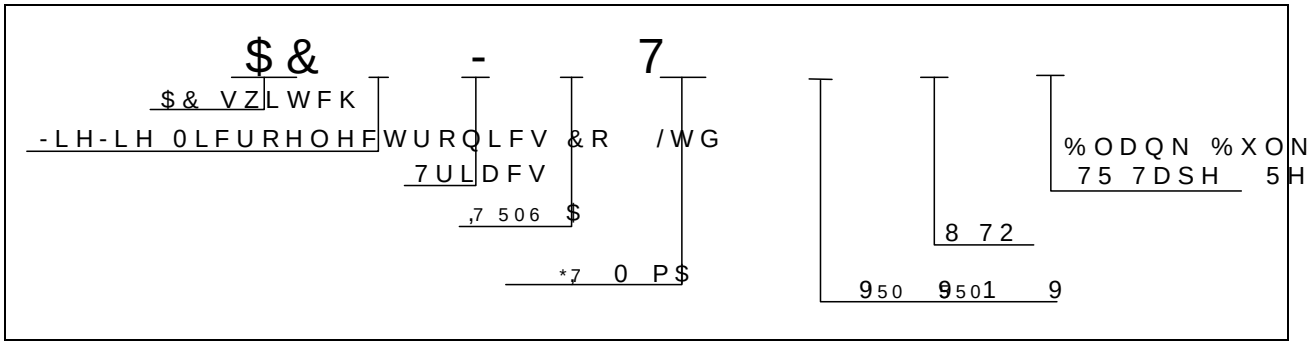
^d d/ , Z d Z/^d/ ^

6\PERO	3DUDPHWHU		9DOXH 0$;		8QLW
970	70 $SW V	7M			
972	7KUHVKROG YROWDJH	M	7		
5'	'\QDPLF UHVLVWDQFH	M	7	P	
,'50	9' 9'50 9 9550	7M			
,550		7M			

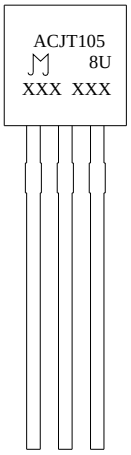
d, ZD > Z ^/^d E ^

6\PERO	3DUDPHWHU	9DOXH		8QLW
5WK M	FMXQFWLRQ WR FDVH $&		:	
5WK M	DMXQFWLRQ WR DPELHQW $&		:	

KZ Z/E' /E&KZD d/KE



D Z</E'

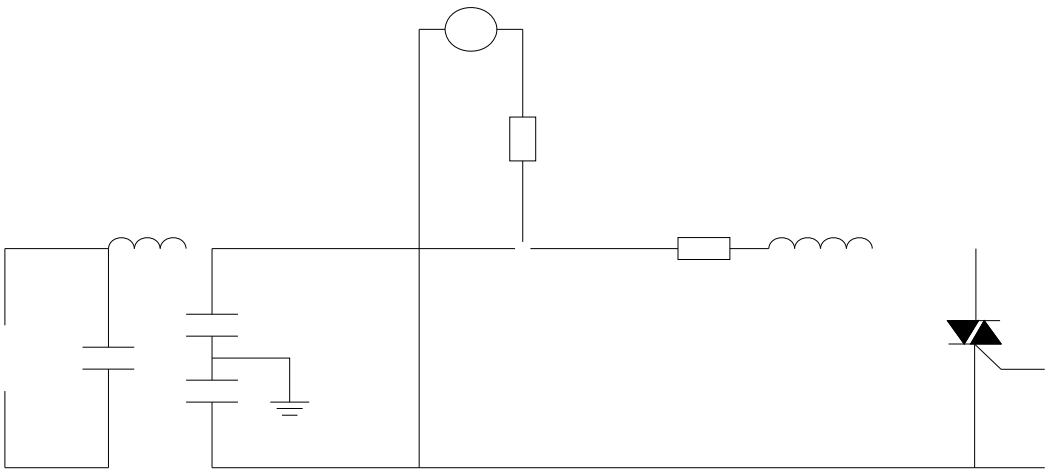


XXX XXX

<HDU
0RQWK

),* 0D[LPXP SRZHU GLVVLSDWLRQ Y)H*UV5X0/6 5R0 VWDWH FXUUHQW YH
RQ VWDWH FXUUHQW WHPSHUDWXUH

),* Ö7HVW FLUFXLW IRU LQGXFWLYH DQG VWDWLF ORDGV



W < ' D , E/ > d



>/s Zz DK

3$&.$*(	287/,1(	%$* 3&6	,11(5 %2; 3&6	&$5721 %2; 3&6
72	%XON 3DFN			

,QIRUPDWLRQ IXUQLVKHG LQ WKLV GRFXPHQW WR EH DFFXUDWH
-LDQJVX -LH-LH 0LFURHOHFWURQLFV &RUS DQG LWV VXEVLGLDULHV
RI XVH ZLWKRXW FRQVLGHUDWLRQ IRU VXFK LQIRUPDWLRQ RU
LQ WKLV GRFXPHQW DQG -LDQJVX -LH-LH 0LFURHOHFWURQLFV &R
VLJQHG -LDQJVX -LH-LH 0LFURHOHFWURQLFV &RUS
3URGXFWV DQG LQIRUPDWLRQ GSRUFRYHUHGQHVG KDYH QR LQIULQJ
-LDQJVX -LH-LH DVVXPHVOLDELOLWLHV DULVLQJ RXW RI WK
SDUWLHV ZKLFK PDNH XVH RI VXFK LQIRUPDWLRQ DQG 7KLVQ GRFXPH
VXSHUVHGHV DQG UHSODFHV DOO LQIRUPDWLRQ SUHYLRXV
LV D UHJLVWHUHG DQGJUDXG-LHD-UHN ORLF-ULR H/WHG WURQLFV &
&RS\ULJKW ‹ -LDQJLFXR-HLHH-EW URQULEJK&RV U/HWGHUVYHG